

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"5420971".pn. and (highpass or highpass or high\$pass or filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 12:30
L2	2034	edge orientation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 13:20
L3	12681	382/162,165,199,205,224-225,254,260-261,263-264,266,268,275.ocls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 13:20
L4	152	2 and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 13:20
L5	72	((angle or steep\$ or gradient or slope or inclin\$ or slant or skew or tilt) and 4	USPAT	ADJ	ON	2009/10/14 13:21
L6	45	((neighbor\$ or connect\$ or group) with pixel) and 5	USPAT	ADJ	ON	2009/10/14 13:21
L7	32	((compar\$ or weigh\$ or contrast\$ or match\$ or correspond\$) near5 edge) and 6	USPAT	ADJ	ON	2009/10/14 13:21
L8	24	((first or initial or preliminary or starting or earlier or original or primary or 1st or leading or principal or prior or before or beginning or preceding) with (second or following or secondary or latter or last or next or succeeding or subsequent or additional or other or subordinate) with edge) and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 13:22
L9	20	angle and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 13:27

L10	10	((US-7023487-\$ or US-7020335-\$ or US-7003173-\$ or US-5819035-\$ or US-7155067-\$ or US-5832115-\$ or US-5420971-\$ or US-6262773-\$ or US-6771793-\$ or US-6956976-\$).did.	USPAT	ADJ	ON	2009/10/14 13:56
L11	8	((monochrome or grey or gray or luminance or luminence or intensity) with edge) and L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 13:56
L12	0	orientation and L11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 13:56
L13	1	orientation and L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 13:56
S2	2	"6192162".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 12:06
S3	15	("6192162").URPN.	USPAT	ADJ	ON	2009/10/13 12:14
S5	12	(angle or steep\$ or gradient or slope or inclin\$ or slant or skew or tilt) and S3	USPAT	ADJ	ON	2009/10/13 12:39
S6	1330852	edge	USPAT	ADJ	ON	2009/10/13 12:42
S7	68366	pixel and S6	USPAT	ADJ	ON	2009/10/13 12:42
S8	23284	((neighbor\$ or connect\$ or group) with pixel) and S7	USPAT	ADJ	ON	2009/10/13 12:43
S9	38982	"382"/\$.ccls.	USPAT	ADJ	ON	2009/10/13 12:47
S10	6100	S8 and S9	USPAT	ADJ	ON	2009/10/13 12:47
S11	1330852	edge	USPAT	ADJ	ON	2009/10/13 14:10
S12	68366	pixel and S11	USPAT	ADJ	ON	2009/10/13 14:10
S13	23284	((neighbor\$ or connect\$ or group) with pixel) and S12	USPAT	ADJ	ON	2009/10/13 14:10
S14	38982	"382"/\$.ccls.	USPAT	ADJ	ON	2009/10/13 14:10
S15	6100	S13 and S14	USPAT	ADJ	ON	2009/10/13 14:10

S16	1815	((compar\$ or weigh\$ or contrast\$ or match\$ or correspond\$) near5 edge) and S15	USPAT	ADJ	ON	2009/10/13 14:10
S17	12681	382/162,165,199,205,224-225,254,260-261,263-264,266,268,275.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 14:16
S18	843	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 14:16
S19	391	((first or initial or preliminary or starting or earlier or original or primary or 1st or leading or principal or prior or before or beginning or preceding) with (second or following or secondary or latter or last or next or succeeding or subsequent or additional or other or subordinate) with edge) and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 14:22
S20	77	((high pass or high-pass or high\$pass or peak or sharpen\$ or low-cut or low \$cut or low cut or bass-cut or bass \$cut or bass cut or rumble or enhance) near3 filter) and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 14:25
S22	61	((assign\$ or label\$ or designat\$ or appoint\$ or name or tag or flag or mark or classify or identify or define or categorize or class or describe or description) near3 (pixel or edge)) and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 14:29
S23	8	((US-7437013-\$ or US-7486844-\$ or US-7324120-\$ or US-7043078-\$ or US-7587091-\$ or US-7289667-\$ or US-7430336-\$ or US-7590302-\$).did.	USPAT	ADJ	ON	2009/10/13 14:39
S24	53	S22 not S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 14:39
S27	2	((US-7020332-\$).did. or (US-20040001648-\$).did.	USPAT; DERWENT	ADJ	ON	2009/10/13 14:40
S29	55	S24 or S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 14:40

S30	54	((assign\$ or label\$ or designat\$ or appoint\$ or name or tag or flag or mark or classify or identify or define or categorize or class or describe or description) near3 (pixel or edge)) and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 14:42
S31	54	((high pass or high-pass or high\$pass or peak or sharpen\$ or low-cut or low \$cut or low cut or bass-cut or bass \$cut or bass cut or rumble or enhanc \$) near3 filter) and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 14:42
S32	54	((first or initial or preliminary or starting or earlier or original or primary or 1st or leading or principal or prior or before or beginning or preceding) with (second or following or secondary or latter or last or next or succeeding or subsequent or additional or other or subordinate) with edge) and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 14:43
S33	39	(angle or steep\$ or gradient or slope or inclin\$ or slant or skew or tilt) and S32	USPAT	ADJ	ON	2009/10/13 14:49
S34	9	((US-7023487-\$ or US-7020335-\$ or US-7003173-\$ or US-5819035-\$ or US-7155067-\$ or US-5832115-\$ or US-5420971-\$ or US-6262773-\$ or US-6771793-\$).did.	USPAT	ADJ	ON	2009/10/13 18:30
S35	7	color and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:30
S36	7	(lumin\$ or bright\$) and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:30
S37	7	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:30
S38	374	((angle or direction) near5 (gradient or descent or transition) with value) and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:44
S39	121	(edge near (detect or detection or detecting)) and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:45

S40	82	((assign\$ or label\$ or designat\$ or appoint\$ or name or tag or flag or mark or classify or identify or define or categorize or class or describe or description) near3 (pixel or edge)) and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:46
S41	82	S40 not S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:47
S42	42	((compar\$ or weigh\$ or contrast\$ or match\$ or correspond\$) near5 edge) and S41	USPAT	ADJ	ON	2009/10/13 18:49
S43	1	"10597597"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 19:15
S44	3	"20030193584"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 19:24
S45	2	"5848196".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 19:24
S46	3	"20030086603"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 19:25
S47	2	"7230742".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 19:25
S48	46255	edge with color	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 10:09
S49	12681	382/162,165,199,205,224-225,254,260-261,263-264,266,268,275.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 10:09

S50	1696	S48 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 10:09
S51	127	(color near3 gradient) and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 10:09
S52	10	((US-7023487-\$ or US-7020335-\$ or US-7003173-\$ or US-5819035-\$ or US-7155067-\$ or US-5832115-\$ or US-5420971-\$ or US-6262773-\$ or US-6771793-\$ or US-6956976-\$).did.	USPAT	ADJ	ON	2009/10/14 10:10
S53	1	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 10:10
S54	4	((edge or gradient or discontinuity) near5 color) and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 10:12
S55	3	S54 not S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 10:12
S56	8	((monochrome or grey or gray or luminance or luminence or intensity) with edge) and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/14 10:15

## EAST Search History (Interference)

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